

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/03041

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C04B35/83 C04B35/80 C04B35/573 F16D69/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C04B F16D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/051258 A1 (S. HANZAWA ET AL.) 13 December 2001 (2001-12-13) paragraph '0063! - paragraph '0078!; examples 1-6 -----	1-20
A	EP 0 891 956 A (NGK INSULATORS, LTD.) 20 January 1999 (1999-01-20) the whole document -----	1-20

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

9 July 2003

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 2001051258	A1	13-12-2001	JP 11292662 A DE 69806333 D1 DE 69806333 T2 EP 0926111 A2	26-10-1999 08-08-2002 13-02-2003 30-06-1999
EP 891956	A	20-01-1999	JP 11035376 A DE 69802748 D1 DE 69802748 T2 EP 0891956 A2 US 6254974 B1 US 2001026868 A1	09-02-1999 17-01-2002 26-09-2002 20-01-1999 03-07-2001 04-10-2001